

## Claims

1. A hair drying or styling appliance comprising:
  - a housing;
  - a heating element;
  - a fan for discharging heated air from the appliance;
  - an outlet for directing heated air to the desired location;
  - an ion emitter device comprising a positive and a negative electrode and positioned to emit ions into the flow of discharging air;
  - an ion generator connected to the ion emitter;
  - a variable output regulator connected to the ion generator and comprising a control for adjusting the ion output; and
  - a plurality of indicator lights connected to be responsive to the ion generator effective to indicate the level of ion output.
2. The appliance of claim 1, further defined as a hair dryer.
3. The appliance of claim 1, wherein the lights are neon lights.
4. The appliance of claim 1, wherein the ion generator is adjustable through three ranges of output, and wherein each range is indicated by illumination of one or more lights.
5. The appliance of claim 1, wherein the plurality of lights comprises three lights on each side of the housing, wherein the ion generator output is adjustable, and further wherein within the low output range, one light on each side of the housing is illuminated, within the medium output range, two light on each side of the housing is illuminated and within the high output range, three lights on each side of the housing are illuminated.
6. The appliance of claim 5 comprising multiple translucent windows in the housing covering the lights such that each light illuminates a plurality of translucent windows.
7. The appliance of claim 6, wherein each light illuminates four translucent windows.
8. The appliance of claim 1, wherein the lights are colored lights.
9. The appliance of claim 6, wherein the lights are white lights and the translucent windows are colored.
10. A hair drying or styling appliance comprising an ion emitter configured to direct negative ions onto the hair of a user during use, wherein the quantity of ion flow may be adjusted by the user, and further wherein the appliance comprises a visual indicator of the ion level.

11. The appliance of claim 10, wherein the indicator is sets of lights that are lit in response to the selected level of ion generation.
12. The appliance of claim 11, wherein the lights are neon lights.
13. The appliance of claim 10, wherein the indicator comprises one or more LED's, a liquid crystal display or one or more neon lights.
14. The appliance of claim 10, further defined as a hair dryer.
15. The appliance of claim 10, further defined as a hair dryer, a hot air brush, a curling iron or a flat iron.